

Oupavod ei ̃̃is

CÆLORUM DECLARATIO:

A N

# Ephemeris

For the year of Christ, 1656.

Being Bissextile or Leap-year, and  
from the Creation according to

K & P L E R. 5649.

Containing a description of the four quarters  
of the year, of the Eclipses, &c.

And wherein is proved,

1. That in the year when Christ was borne, the Sun did not enter into the Solstice of Capricorn upon the 25 of December.
2. Nor into the Vernal equinox that year upon the 25 of March.
3. That in the year *post Christum natum* 322. at the Sessions of the Council of Nice, the Sun did not enter into the Vernal Equinox upon the 21 of March: and other things worth note.

Calculated for the two ancient Port towns of *Sandwich*  
lat. 51 deg. 18. min. and *Dover*, 51. deg. 10. min.

By HENRY HARFLETE Gent.

London, Printed by T. R. & E. M. for the Company  
of Stationers. 1656.

# The common Notes and movable Feasts according to the account of *England.*

English account  
1656.

Roman account  
1656.

	4	The Golden number	4	
	13	The circle of the Sun	13	
	4	The Epact	4	
	♁	The Dominical Letter	♁	
February	17	Shrove Sunday	27	February
April	6	Easter day	16	April
May	11	Rogation Sunday	21	May
May	15	Ascension day	25	May
May	25	Whit Sunday	4	June
November	30	Advent Sunday	3	December



The parts of mans body as they are governed by  
the signes Zodiacall.

♈ Head and face.

♊ Neck and  
throat.

♋ Breast, sto-  
mach & rib

♌ Bowels and  
belly.

♍ Secret mem-  
bers.

♎ Knees.



♏ Armes and  
shoulders.

♐ Heart and  
back.

♑ Reins and  
loynes.

♒ Thighes.

♓ Legges.

# The Tide Table.

Names of the Havens.	H.M.	Points of the compass.
Q uinbrough, Southampton, Portsmouth, Ile of Wight, Dunkerk } half tide.	0 0	S and N
Rochester, Aberdeen, Redban.	0 45	S by E
Gravesend, Downes, Rumney, Tener.	1 30	S S W
Dundee, St. Andrews, Lisborn,	2 15	S W by S
London, Tinnmouth, Amsterdam, Hartlep.	3 0	S W
Barwick, Ostend, Flushing, Burdeaux.	3 45	S W by W
Scarborough qu. tide, Cork Calice creek.	4 30	W S W
Falmouth, Dartmouth, Newcastle, Lizard.	5 15	W by S
Plimouth, Weymouth, Hull, Lin, Antwerp	6 0	E and W
To these add the time of the Moons southing, but for these following, subtract from the time of the Moons southing.		

	H.M.	points of compass.
Bristol, at the Start, Foulness.	5 15	E by S
Milford, Bridgwater, Landsend, Waterford	4 30	E S E
Portland, Harflew, Hague, Dublin.	3 45	S E by E
Poole, Man Ile St. Hellens, Dunbar.	3 0	S E
Needles, Oxford, Sou. and Nor. foreland	2 15	S E by S
Sandwich, Dover, Yarmouth, Harwich. } Calice roade.	1 30	S S E
Ry, Winchelsea Gorend.	0 45	S by E

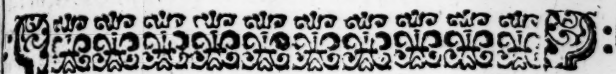
## Use by Example.

*Janu. 1.* When high water at *London*. In the right hand page. I finde the Moon South at 14 min. past 6 in the morning, to which I ad 3 hours which stands above over *London*, and it makes 14 min. past 9 morn. But for *Sandwich* or *Dover*, that day subtr. 1 hour 30 m. there remains 4 hours and 44 min. that morning. And so of the rest.

	Duke William conquered England	590
	The invention of Guns	278
	The invention of Printing	216
	The infectious sweating sickness	99
	The Great Massacre in France	95
	Pauls steeple was set on fire	95
	The fiery Apparition in the heavens	82
	The generall Earthquake in England	76
	The great Snow	76
	The Spanish fleet, 1588	68
	The Camp at Tilbury in Essex	67
	The Gunpowder Treason, November 5.	51
	The Comet or blazing star, from November 18. to December 16. 1618.	38
	The great Plague in London. 1625	31
	The last great Earthquake in England	30
	The Duke of Buckingham murdered	28
	The third part of London Bridge burnt	24
	This present Parliament began Novemb. 3. 1640.	16
	The Earl of Strafford beheaded on Tower hill May 12. 1641.	15
	The Irish Rebellion began October 23. 1641.	15
	King Charles went from his Parliament, Janu. 10.	15
	King Charles set up his Standard at Nottingham	15
	The fight at Kenton, October 22. 1642.	14
	The fight at Brainford, Novemb. 12. 1642.	14
	Cheapside Crosse demolished, May 2. 1643.	13
	The taking of the Scots Covenant in England	13
	The fight at Newbury	12
	The great fight at York	12
	The Bishop of Canterbury was beheaded Janu. 10. 1644.	12
	The fight at Naxby, June 4. 1645.	11
	King Charles was beheaded, January 30. 1649.	7
	Duke Hambleton, Earle of Holland and Lord Capel was beheaded, March 9. 1649.	7

Since





To the Right Worshipful *Tobias Clere*  
Esquire, now Mayor of the Towne and Port  
of *Sandwich*, and to the Worshipful,  
the Jurates his Brethren.

*Right Worshipful,*



R T needs no *Patron*, it can defend it self,  
being grounded upon infallible De-  
monstration, but alas, *Art* i. censured  
of all, understood of few; this is the  
Artists misery, so that I may take up  
*Ovids* complaint, *lib. 5. de trist. Bar-*  
*barus hīs ego sum, quā non intelligit*  
*ulli*. But my expressions at the latter end of this Book  
may seek for a *Protectour* (though they are certaine  
truths) yet I verily beleeeve most in *Sandwich*, and in its  
adjacent parts will not blame me. This *ὁ Δεῖρα* (I name  
him not) neither do I write any thing through any ha-  
tred to his person (as God is my witnesse) I pray God to  
give him a sight of his false dealings and extortions,  
though private, that he may sincerely make his peace  
with God, and with *Zachus*, *Luke 19* he make restitu-  
tion; but his sly, private and wrongful dealings are abo-  
minable both to God and man; 'tis fithis actions should  
be knowne, that others that yet know them not, should  
take heed how they deale with him, for, *Felix, quem fa-*  
*ciunt aliena pericula cantum*, I say this *ὁ Δεῖρα*, mentioned  
in the latter end of this book being a man, that hath not of  
late a good word neither in Towne nor Countrey, since  
he hath fallen into these sinister courses, whereby he up-  
on a sudden hath gotten a faire estate, at which now no  
man wonders, since they know how he hath gotten it; for,

as *Nemo repente fit Dofus*, so *nemo repente fit Dives*, unless  
by unjust and by unconscionable dealings, so that every  
man, who hath dealt in such and such a manner with him,  
comes home by weeping crosse, to their owne sorrow, with  
too late repentance, considering how he hath dealt with  
them, being necessitated thereunto for the very present.  
But all his dealings must be in private, no man knowes  
the bargaine, and then he calls for a scrivener to make  
a Bond, or some instrument in writing, and then (he  
thinks) all is well; but there is a God, who sees in te-  
cret, will reward openly: *Zenophon* who was an heathen  
could say; *The offenders of mans law, might escape the*  
*punishment*, οἱ μὲν βιαζόμενοι, οἱ δὲ λα. δάνοντες; some  
by their privileged greatnesse, some by a subtil privacie  
in their dealings; but they that transgresse against Gods  
Law must needs undergo the censure, "Ὁν ἔδει τιμωρ  
ἔσθαι τὸν ἀνθρώπου διαπορεύειν. saith he, which a man can  
not by any sly, or changeling trick whatsoever avoid:  
for it is impossible to escape the hand of God. Now to  
discover this ὁ Δείνα, there will at your next Court of tri-  
als be presented before the Bench an object of justice and  
equity; Now God hath laid a charge upon you, as *Mose*  
d upon the Judges, *Dent. 1. 16, 17.* I charged the Judges,  
&c. He concludes, *fear not the face of man, for the*  
*judgement is Gods*: I beseech you hearken not too much  
to his fair and smooth tongue, nor fear or favour his im-  
pudent forehead. But take along with you the wise man-  
counsel, *Eccus. 4. 9.* Deliver him that suffereth wrong from  
the hand of the oppressour; And God will ever bless and  
prosper you: Time comes that the exercise of justice, mer-  
cie and equity may be transparent in you. Worthy Sir  
you have a crowne, and I know you will ever seek to main-  
taine it: nay! you have maintain'd it, for this is the second  
time of your Majoralty, and we all know you have carri-  
ed it on with singular wisdom, understanding, and an ex-  
cellent temper of Justice; this keep, and you maintaine  
your crowne, that's Authority; for Authority is the crowne  
of Justice, as Bounty is of Liberalitie, say the Politicks;  
which

which vertues ought to be very transparent in a Magistrate: *Ambrose, lib. 1. de offic. cap. 28.* divides the whole frame of humane society into two parts, Justice and Beneficence, or Liberalitie: Of these two (saith he) *Justitia mihi excelsior videtur, liberalitas gravior; illa censuram tenet, illa bonitatem.* They are not unlike the two sisters, Lea and Rachel; Birth-right prefers the one, nature the other.

Justice is royal, Liberality is beautiful; a Scepter becomes the one, Mercie adornes the other. *Bernard* in his little sermon, *Serm. 11.* divideth Justice into two parts; Beneficence and Innocence; *Innocentia* (saith he) *Justitiam inchoat, Beneficentia consummat.* To do no wrong is the beginning of Justice; To do right, the perfection. It begins in Innocencie, and ends in Charitie. So that to abstaine from oppression, is but Justice in its Innocencie, 1. It must be the *sum cuique tribuere*, to give every man his due, and 2. To help the oppressed, that can crowne it with Beneficence; These I question not but you will do as you have done) and God will heap blessings upon your head in this world, and crowne you with eternal blisse in the world to come; to whose blessed protection I leave you, craving pardon for my boldnesse, and rest

July 26. 1655.

At your Worships

command,

HENRY HARFLETE.

# January hath xxxi. dayes.

Day	$\left. \begin{matrix} 5 \\ 11 \\ 14 \\ 22 \end{matrix} \right\}$	Moone	Saturn midnight.	Venus will be a
			Venus midnight.	bright morning
			Mercury midnight	Star, till 2 Septem.
			Jupiter 11 night & with Mars 2 aftern	then our evening star to yeers end.

1	a	Circumcis.	21	☉	8	16	☾	6	11	d	Ful	☾	1 day 55
2	b	☾ Perigæo.	22	♊	9	15	☿	8	12	e	past 1 night.		
3	c		13		10	16	♊	18	13	f	1, 2, 3, 4 tempe.		
4	d		24		12	17	♊	17	14	g	sometime windy		
5	e		25		13	15	♊	58	15	a	if the Δ of ☉ & ☿		
6	f	Epiphanie	26		14	☿	15	16	16	b	do not prod.		
7	g		27		15	14	☿	17	17	c	some frost or		
8	a		28		16	27	☿	18	18	d	snow the 3 day		
9	b		29		17	10	♊	46	19	e	5 & 6 aperture		
10	c		☿	19	23	35	20		20	f	portarum winds		
11	d		1	20	6	☿	21		21	g	13. Hillary.		
12	e		2	21	18	18	22		22	a	Last quarter, 8		
13	f	1 aft. Epiph.	3	22	☿	21	23		23	b	day, at 12' past		
14	g		4	23	12	20	24		24	c	1 afternoone.		
15	a	☾ Apogæo.	5	24	24	13	25		25	d	7, 8, scarce fair		
16	b		6	25	6	26	26		26	e	9 snowlike, 11,		
17	c		7	26	17	52	27		27	f	12, 15, prettie		
18	d		8	27	29	44	28		28	g	mild winds.		
19	e		9	28	11	40	29		29	a	New ☾ 16 day		
20	f	2 aft. Epiph.	10	29	23	42	30		30	b	at 50' past noon		
21	g	O&ab. Hillar	11	30	5	55	31		31	c	or 12 a clock.		
22	a		12	31	18	15	Feb			d	17, 19, 21, 22		
23	b	Terme begin	13	32	☿	53	2		2	e	porta, to winds,		
24	c		14	33	13	48	3		3	f	rain or snow.		
25	d	Conver Paul	15	34	27	6	4		4	g	First qu. 24 day		
26	e	Polycarp.	16	34	10	47	5		5	a	27' past 1 aft		
27	f	3 aft. Epiph.	17	35	24	53	6		6	b	About 27 some		
28	g	Quind. Hill.	18	36	9	25	7		7	c	snow or turbu-		
29	a		19	37	24	18	8		8	d	lent weather.		
30	b	☾ Perigæo.	20	38	9	21	9		9	e	Ful ☾ last day		
31	c	♂ ♀ 4	21	38	24	31	10		10	f	at 8' past 5 mo		

Day	☉ rise <i>Sandw.</i>	Sun set at <i>Sandw.</i>	The reason of this calculation I shew- ed in my <i>Epheme- ris 1651</i> and 1652 the use.
1	8 <sup>h</sup> 0' 21"	3 <sup>h</sup> 59' 57"	
11	7 48 0	4 12 32	
21	7 32 28	4 28 12	

1	12 13	M. Jone's month	First day ☾ eclipsed; 16 day
2	0 M 13		☉ eclipsed. The 31 ☿ 24♂.
3	1 9	In the top of this page the rising and setting	
4	2 8	of the Sun is calculated for <i>Sandwich</i> every ten	
5	3 2	days throughout the year.	
6	3 56	When Sun doth rise, then mind thy rise from	
7	4 45	death,	
8	5 33	When Sun doth set, then mind thy setting	
9	6 20	breath.	
10	7 7	In this moneth of <i>January</i> .	
11	7 53	The first, the Moon's eclips'd, the Sun in th'	
12	8 43	middle;	
13	9 32	The last, <i>Mars</i> meets with love, and breaks	
14	10 22	his fiddle.	
15	11 12	Oh me! how sad this year begin; now mark;	
16	11 59	<i>Phæbe</i> puts on her mourning gown in dark;	
17	0 46	Twice eight dayes past <i>Plæbus</i> acts in a mask,	
18	1 28	What? shal mortals be put to some heavie task?	
19	2 10	Some may, & with their due deserts may meet,	
20	2 52	Since <i>Mars</i> the griping Jovialist now doth greet	
21	3 33	—— The Jovialist	
22	4 17	—— May now be whist,	
23	5 1	—— Time comes may make	
24	5 46	—— His Noddle ake,	
25	6 40	He so harshly must not act, yet may think,	
26	7 36	What? Time comes may make his breeches	
27	8 34	stink.	
28	9 35		
29	10 36	January 30. 1649. K. CHARLES beheaded.	
30	11 36	lar. 31. ☿ 24♂ where ♂ elevated above 24;	
31	12 35	see more in the appendix.	

February hath xxix. dayes.

Day	Moone with	Saturne 6 morn.	Venus 11 night.	Mercury 8 night.	Jupiter 2 afternoon.	Mars 8 morn.	Saturne 3 afternoone.
1 D	21 39	9 42	11	g			
2 e	23 40	24 22	12	a			
3 f	24 40	9 51	13	b	4 day tem-		
4 g	25 41	23 12	14	c	perate.		
5 a	26 41	6 52	15	d	Last quarter		
6 b	27 42	20 3	16	e	7 day, 43		
7 c	28 42	2 44	17	f	min. past 3		
8 d	29 43	15 18	18	g	morn.		
9 e	0 43	27 23	19	a	About 9, 10,		
10 f	1 43	9 22	20	b	winds & cold		
11 g	2 44	21 12	21	c	rain or snow		
12 a	3 44	3 0	22	d	Term ends		
13 b	4 45	14 51	23	e			
14 c	5 45	26 39	24	f			
15 d	6 45	8 38	25	g	New Moon		
16 e	7 45	20 43	26	a	day, 50 min.		
17 f	8 45	2 55	27	b	past 7 morn.		
18 g	9 45	15 22	28	c	15 and 18		
19 a	10 46	27 55	29	d	winds & sno.		
20 b	11 46	10 43	Mar.	e	First quarter		
21 c	12 46	23 42	2	f	23 da. 10 min.		
22 d	13 46	6 55	3	g	past 1 mor.		
23 e	14 46	20 28	4	a	pleasant wea.		
24 f	15 46	4 20	5	b	ther		
25 g	16 46	18 35	6	c	About the		
26 a	17 45	3 5	7	d	latter end of		
27 b	18 45	17 52	8	e	this month		
28 c	19 45	2 53	9	f	Apertio por-		
29 d	20 45	17 50	10		tarum, dark		
					close weath.		
					rain or snow		

I 6 5 6.

Sun rises at *Sandwich* | Sun set.

Day	1	2 <sup>h</sup>	12'	56"		4 <sup>h</sup>	47'	44"
	11	6	54	4		5	6	36
	21	6	34	36		5	26	12

1 OM 35 Moone South.

2 1 29 The beginning and ending of every Terme,  
3 2 24 and the returnes are set downe against their  
4 3 14 proper day.

5	4	5
6	4	55
7	5	46
8	6	36
9	7	26
10	8	16
11	6	7
12	9	55
13	10	43
14	11	28
15	0	13
16	0	49
17	1	34
18	2	16
19	3	1
20	3	46
21	4	40
22	5	32
23	6	28
24	7	25
25	8	25
26	9	25
27	10	18
28	11	10
29	12	7



# March hath xxxi dayes

Day { 11  
16  
18 } Moone with { Venus 11 before noone.  
Mercury 11 in night.  
Jupiter 7. morn.  
Mars 1. morn.  
Saturne 9 at night.

1	d		21	45	22	45	11	g	Full ☾ 1 day
2	e	2 Sund. Lent	22	45	17	19	12	h	4 min past 3
3	f		23	45	1m	35	13	b	morn.
4	g		24	44	15	20	14	c	
5	a		25	44	28	37	15	d	
6	b		26	43	11	26	16	e	Last quart.
7	c		27	43	23	56	17	f	day at 8 night
8	d		28	42	6	2	18	g	showing, per
9	e	3 Sund. Lent	29	41	17	56	19	h	haps thunder
10	f		o	41	29	43	20	b	in some pla
11	g		1	40	11	27	21	c	ces.
12	a	Gregory.	2	39	23	15	22	d	
13	b	☾ Apogæo.	3	39	5	8	23	e	About 14 da
14	c		4	38	17	12	24	f	a troubl'da
15	d		5	37	29	32	25	g	New ☾ 16
16	e	4 Sund. Lent	6	36	12	1	26	h	20 min. be
17	f		7	35	24	40	27	b	fore 1 mon
18	g		8	34	7	36	28	c	About 17, 1
19	a		9	34	20	41	29	d	apertio porta
20	b		10	33	3	33	30	e	rain & show
21	c		11	32	17	20	31	f	19, 20.
22	d		12	31	o	53	Ap	g	First quart.
23	e	5 Sund. Lent	13	30	14	38	2	h	day, 50 min
24	f		14	28	28	38	3	b	past 9 morn
25	g	Anon. Mary	15	27	12	52	4	c	bout 23 & 2
26	a	☾ Perigæo.	16	26	27	17	5	d	great winds
27	b		17	25	12	0	6	e	and showing
28	c		18	24	26	39	7	f	sometimes
29	d		19	22	11	6	8	g	Full ☾ 30 da
30	e	Palme sund	20	21	25	26	9	h	50' past 1
31	f		21	20	9m	36	10	b	pleasant we

Sun rise at Sandwich. ! Sun set.

Day	1	2 <sup>h</sup>	16'	56"	5 <sup>h</sup>	44'	0'
	11	5	57	20	6	3	44
	21	5	38	4	6	23	16

1 OM 7 Moonc South.

2 I - 5 Sun enters *Aries*, making in a manner equal  
 3 I 53 dayes and nights upon the 9 day of *March*, at  
 4 2 41 1 sec. 39 min. past 7 of the clock in the after-  
 5 3 37 noon, at which time in the meridian of *Sand-*  
 6 4 34 *wich* and *Dover*.

			d.	'	"
7	5	31	11	27	58
8	6	28			9
9	7	13	3	6	40
10	7	58	8	21	78
11	8	45			1
12	9	32	2	1	51
13	10	16	7	00	00

14 11 0 Now men their reines, and bowels purge the  
 15 0A43 spring,

16 0 25 (Renowned Doctor) brings thy harvest in.  
 17 1 10 Look how the earth re-springs with pleasant sp-  
 18 1 54 And rivers sides with flowers do begin (ring,  
 19 2 44 To be beset; feilds; woods wax green again,  
 20 3 35 And snowy winter turns to pleasant raine.  
 21 4 31 The winter's gone, *Sol* in a glorious day  
 22 5 28 Doth melt the snow, an't passes quite away.  
 23 6 26 And blustering *Boreas* doth not much annoy  
 24 7 23 The tender flowers, nor doth the quite destroy  
 25 8 18 As't said before, the blood in veines doth flow,  
 26 9 14 Man gathers strength, which was in winter  
 27 10 8 low.

28 11 1

29 1 52

30 12 43

31 OM 43

Aprill hath xxx. dayes.

Day { 12 } Moone with { Mercury 2. noone.  
 { 15 } { Jupiter 2 morn.  
 { 17 } { Mars 4 afternoone.  
 { 24 } { Saturne 3 morn.  
 { 10 } { Venus 11 before noone.

	g	22 V 18	23 m 19	11	c Sudden show.
2	a	23 17	e f 19	12	d ers, right April
3	b	24 15	19 38	13	e weather.
4	c	25 14	1 w 59	14	f Last quarter,
5	d	26 12	14 7	15	g day at 34 min.
6	e Easter day	27 11	26 2	16	A past 2 afternoo
7	f	28 9	7 w 46	17	b Rainy April
8	g ) Apogæo.	29 7	19 33	18	c showers bring
9	a	0 6	1 w 22	19	d May flower.
10	b	1 4	13 19	20	e Apertio porta
11	c	2 2	25 30	21	f New ) 14 days
12	d	3 1	7 v 5	22	g at 37 past 2
13	e Lom Sun-	3 59	20 3	23	A afternoone.
14	f	4 57	3 d 36	24	b About 16, 17,
15	g	5 55	16 53	25	c 18. turbulent
16	a	6 53	C II 20	26	d weather, light
17	b	7 51	14 0	27	e ning & tempest
18	c	8 49	27 44	28	f First quarter
19	d	9 47	11 e 35	29	g 21 day, at 10
20	e 2 after Easter	10 45	25 30	30	A min. past 4 af
21	f Quind. pasch	11 43	9 o 27	May	b ernoons about
22	g ) perigæo	12 41	23 31	2	c 21, 22, 23 gen
23	a Terme begi.	13 39	7 = 37	3	d cle gales of
24	b	14 37	21 45	4	e wind and plea
25	c Mark Evang	15 35	5 = 59	5	f sant weather.
26	d	16 33	20 3	6	g 25, 26, apertio
27	e 3 after East.	17 31	4 m 7	7	A portarum. 10
28	f Tref. Palch.	18 28	17 54	8	b iane.
29	g	19 26	1 7 25	9	c Full ) 28 days
30	a	20 24	14 34	10	d at 6 min. past 1
					afternoone.

Sunne rise at Sandwiche | Sunne set.

Day	{ 12	5	16	32		6	44	32
	{ 11	4	57	52		7	3	12
	{ 21	4	40	12		7	20	52

1 IM 36  
2 2 30  
3 3 23  
4 4 16  
5 5 8  
6 5 59  
7 6 47  
8 7 34  
9 8 18  
10 9 2  
11 9 46  
12 10 28  
13 11 13  
14 11 57  
15 12 47  
16 1 38  
17 2 34  
18 3 20  
19 4 28  
20 5 27  
21 6 22  
22 7 17  
23 8 7  
24 8 58  
25 9 48  
26 10 38  
27 11 30  
28 12 22  
29 12 22  
30 IM 15

April 13 1655. A good memorandum for  
me. Eod. die  $\Delta \odot \text{h}$  instanti quo tempore per  
versutum sine causa impellente adulatorum dia-  
bolicè proditus fui. Indeed I have many times  
observed  $\Delta \odot \text{h}$  hath bene ominous to me.  
And at that instant did a smooth tongue and  
treacherous heart bring me (incautum) to a  
sharp banquet, almost to my undoing. A (mis-  
chievous) flatterer spreadeth a net for his neigh-  
bors feet, Prov. 29. 5. But  
From Sandwiche and from Baystreeton Gripes  
for ever,  
We beseech thee (good Lord) all good men  
deliver.

# May hath xxxi. dayes.

Day  $\left\{ \begin{array}{l} 11 \\ 12 \\ 17 \\ 21 \end{array} \right\}$  Moone with  $\left\{ \begin{array}{l} Venus 3 \text{ afternoone.} \\ Mercury 6 \text{ night, \& Jupiter} \\ Mars 8 \text{ morn. (10 night.} \\ Saturne 9 \text{ before noone.} \end{array} \right\}$

1	b	Phil. and Iacob	21	8	22	27	4	20	11	e	This mon
2	c		22	19	9	W	49	12	f	for the mo	
3	d		23	17	21	58	13	g	part may		
4	e	4 after Easter	24	15	3	m	52	14	a	dry & windy	
5	f	Mens. Pasch.	25	12	15	44	15	b	Last quarter		
6	g	John Port.	26	10	27	29	16	c	6 day, at		
7	a		27	7	9	X	19	d	morn a trou		
8	b		28	5	21	15	18	e	Apog] he		
9	c		29	3	3	V	28	f	air, violen		
10	d		0	II	0	15	57	g	raine, wind		
11	e	5 after Easter	0	58	28	48	21	a	or haile		
12	f	Quinq, Pasch.	1	55	11	8	58	b	12 day win		
13	g		2	52	25	30	23	c	apertio por		
14	a		3	50	9	II	19	d	New )		
15	b	Ascension.	4	47	23	23	25	e	day, 46 mi		
16	c	Craftin. Ascen.	5	45	7	35	26	f	past 1. mon		
17	d		6	42	21	50	27	g			
18	e	6 after Easter	7	39	6	Ω	7	a	19 Termen		
19	f	Perigæe.	8	37	20	18	29	b	First quarte		
20	g		9	34	4	m	25	c	20 day,		
21	a		10	31	18	27	31	d	min. past		
22	b		11	29	2	20	Apr	e	night.		
23	c		12	26	16	11	2	f	24 some o		
24	d		13	23	29	53	3	g	raine ap		
25	e	Whit Sunday	14	20	23	m	26	a	26 and		
26	f		15	18	26	29	5	b	winds & c		
27	g		16	15	9	45	6	c	raine.		
28	a		17	12	22	49	7	d	Full )		
29	b		18	9	5	W	28	e	day, at		
30	c		19	6	17	46	9	f	minutes pa		
31	d		20	4	29	53	10	g	midnight.		

Sun rise at *Sandwich*.

Sun set.

Day	{	1	}	4	23	52		7	37	4
	{	11	}	4	9	48		7	50	40
	{	21	}	3	58	28		8	2	4

mon  
mo  
day  
wind  
at  
er  
g  
tol  
wind  
wind  
per  
ma  
mo  
z  
an  
9  
2  
6  
11  
27  
28  
29  
30  
31

2 M 8  
3 1  
3 54  
4 43  
5 32  
6 16  
7 0  
8 42  
9 24  
10 7  
11 50  
12 37  
13 24  
14 A 24  
15 23  
16 22  
17 20  
18 4  
19 5  
20 6  
21 6  
22 7  
23 8  
24 9  
25 10  
26 11  
27 11  
28 12  
29 0 M  
30 1  
31 2

19 May 28 day at 33 min. past 4 after noon is a partile  
15 conjunction of *Jupiter* and *Venus*, both near the  
10 point descending in the 7 house, in  $\oslash$  21, 23' in  
58 the house of benevolent *Venus*, a happy  $\oslash$ .  
45  
34 Good friends of *MEN*! how lovingly do they  
22 Embrace; they may teach mortall *MEN* to lay  
14 Aside all malice, hate, envy, the *SWORD*;  
4 And end all strife, and try it out in *WORD*.  
57 For Christians should not taste of earthly leaven,  
49 But learn some *Good* o'th glittering stars of heaven.  
49 Let us not only gaze on them *ABOVE*,  
43 But from them learn this lesson well, *TO LOVE*.

# June hath XXX dayes.

Day { 9 } Moon with { Jupiter 7 night.  
10 } Venus 6 afternoon.  
13 } Mercury 8 and Mars 10  
17 } night.  
Saturne 4 afternoon.

1	b	Trinity	21	II	11	49	11	a	
2	f	C apog.	21	58	23	41	12	b	Craft. trin.
3	g		22	55	5	28	13	c	
4	a		23	52	17	17	14	d	
5	b	Corp. Chri.	24	49	29	15	15	e	Last quart. 5 d. 4
6	c	Term beg.	25	46	11	Y	27	f	min. past 2 morn.
7	d		26	43	23	53	17	g	
8	e	1 aft. Trin.	27	40	6	Y	45	h	9 and 10 pleasant
9	f	Octab. trin.	28	38	20	0	19	i	weather.
10	g		29	35	3	II	39	j	
11	a	Barnabe	0	32	17	41	21	k	New C 11 d. 3 m.
12	b		1	29	2	5	122	l	past 11 before noon.
13	c		2	26	16	37	23	m	By reason of C of
14	d		3	23	1	Q	18	n	f & p day 15 and
15	e	C perig.	4	20	16	2	25	o	July day 28 we may
16	f	Quin. trin.	5	17	0	W	35	p	expect for the most
17	g		6	14	15	1	17	q	part of June, July
18	a		7	11	29	6	28	r	Aug. to Quin. trin. be
19	b		8	8	13	2	7	s	hot dry and windy
20	c		9	5	26	44	30	t	weather 15 or there
21	d		10	2	10	M	8	u	about.
22	e	3 aft. Trin.	10	59	23	18	2	v	First quart. thunder
23	f	Tres. trin.	11	56	6	2	17	w	and hail 19 d. 46 m.
24	g	John 12 ap.	12	54	19	2	4	x	past 1 morn. Sud-
25	a	John 12 ap.	13	51	1	W	35	y	dain showres.
26	b		14	48	13	56	6	z	Full C 26 d. 55 m.
27	c		15	45	26	8	7	aa	past 1 after n.
28	d		16	42	8	2	9	ab	
29	e	C apog.	17	39	10	3	9	ac	Peter and Paul.
30	f		8	36	1	2	10	b	



Sun rise at *Sandwich.*

Sun set.

Day	{	I	3	50	40		8	9	38
	{	11	3	48	24		8	11	56
	{	21	3	50	56		8	8	48

1 3 M 20

2 4 7

3 4 52

4 5 34

5 6 15

6 6 56

7 7 37

8 8 19

9 9 9

10 9 58

11 11 0

12 12 3

13 1 A 3

14 2 1

15 3 0

16 3 43

17 4 28

18 5 26

19 6 25

20 7 3

21 8 2

22 8 54

23 9 45

24 10 38

25 11 29

26 12 20

27 0 M 10

28 1 6

29 1 54

30 2 42

Sun enters Cancer in Merid. aforesaid upon the  
10 day of June 41 min. 49 second. past ten of the  
clock at night, at which time

Sig. de. ' "

Middle Longitude of ☉ 2 29 45 28

Apogæon subtract 3 6 40 23

Remaines the Anomaly 11 23 5 5

Which gives the Æquar. ad. 0 0 14 32

True place of ☉ 9 00 00 00

In regard when the ☉ enters into ♋  $\approx$   $\approx$   $\approx$   
there is no difference between the arch Ecliptick  
and the right Ascension, the mean time of the true  
ingress and the apparent time do fall *codem in-*  
*stanti.*

# July hath XXXI. days.

Day { 7 } Moon with { Jupiter 2 after noon.  
10 Venus 5 after noon.  
12 Mars 2 after noon.  
13 Mercury 11 before noon.  
15 Saturn 4 morning.

1	a	19	53	13	45	11	c	In this month no
2	b	20	30	25	33	12	d	great alteration of
3	c	21	27	7	Y	30	e	weather untill latter
4	d	22	25	19	41	14	f	end.
5	e	23	22	2	8	14	g	
6	f	24	19	14	56	16	h	Last quarter 4 d. 40
7	g	25	16	28	10	17	i	min. past 5 after n
8	h	26	13	11	II	44	j	
9	i	27	11	25	46	19	k	Some antiscion of
10	j	28	8	10	51	20	l	the Planets amongst
11	k	29	5	15	1	21	m	themselves this month
12	l	0	2	0	2	21	n	but no great aspects
13	m	1	0	25	6	23	o	nor till the latter
14	n	2	57	10	II	4	p	end, therefore the
15	o	3	54	24	48	25	q	chief alteration will
16	p	4	51	1	16	26	r	be by reason of
17	q	5	49	3	21	27	s	aspects with the Pla-
18	r	6	46	7	m	0	t	nets.
19	s	7	43	10	19	29	u	New ☾ 11 d. at 57
20	t	8	41	3	17	3	v	past 6 after noon.
21	u	9	38	16	0	3	w	
22	v	10	36	28	28	11	x	First quarter 18 d
23	w	11	33	0	42	2	y	39 min. past 9 morn.
24	x	12	31	22	51	3	z	
25	y	13	28	4	50	4	a	Full ☾ 26 d. 40 min
26	z	14	25	16	45	5	b	past 4 morn. About
27	a	15	21	10	37	6	c	this time thunder,
28	b	16	21	10	28	7	d	hail or rain.
29	c	17	20	22	21	8	e	Hot and dry with e-
30	d	18	16	3	Y	16	f	vill and noxious
31	e	19	15	16	20	10	g	winds. ☽ ☉ ♀ ♁

1656.

Sun rise at Sandwich.

Sun set.

Day	I	3	57	52	8	1	28
	II	4	8	52	7	50	20
	21	4	22	48	7	36	26

1	3	M	24
2	4		6
3	4		47
4	5		29
5	6		12
6	6		55
7	7		40
8	8		35
9	9		31
10	10		28
11	11		29
12	0	A	42
13	1		38
14	2		35
15	3		16
16	4		18
17	5		0
18	5		58
19	6		48
20	7		39
21	8		31
22	9		23
23	10		14
24	11		5
25	11		53
26	12		38
27	0	M	38
28	1		21
29	2		4
30	2		46
31	3		27

# August hath XXXI. dayes.

Day	4 10 16 21	Moon with	Jupiter 6 morn. Mercury 3 morn. & Venus 3 after n. Mars 8 morn. Saturn 6 after n. Jupiter 5 after n.
-----	---------------------	-----------	--

1	.	Lammas.	19	11	28	33	11	6	Last quarter 3 day
2	0		20	9	10	8	12	8	46' past 6 morn.
3	9	9 aft. Trin.	21	7	23	40	13	11	
4	1		22	5	6	11	14	12	Seasonable weather
5	1		23	3	20	11	15	13	for harvest til about
6	1		23	1	4	6	16	14	the middle of the
7	0		24	58	18	25	17	15	month Harvest men
8	0		25	56	3	18	18	16	ply your work hard
9	0		26	54	18	19	19	17	make much of time.
10	0	10 aft. Trin	27	52	3	18	20	18	
11	0	C perig.	28	50	18	47	21	19	New C 10 d. 24 m.
12	0		29	48	3	50	22	20	past 2 morn.
13	0		30	45	18	30	23	21	
14	0		1	4	2	49	24	22	First quarter 16 day
15	0		2	41	16	37	25	23	20 min. past 7 at nig.
16	0		3	39	29	57	26	24	
17	0	11 aft. Trin	4	37	12	55	27	25	From about 15 day
18	0		5	35	52	30	28	26	to the months end
19	0		6	33	7	48	29	27	many times great
20	0		7	31	19	53	30	28	winds, thüder, light
21	0		8	29	1	47	31	29	ning, haile, much a
22	0		9	27	13	42	32	30	Septio portatum
23	0		10	25	25	32	33	31	
24	0	Bartholom	11	23	7	23	34	32	Full C 24. day
25	0	C apog.	12	21	19	18	35	33	min. past 8 night.
26	0		13	20	1	16	36	34	
27	0		14	18	13	20	37	35	
28	0	Dog D. en	15	16	25	33	38	36	
29	0		16	15	7	51	39	37	
30	0		17	13	20	20	40	38	
31	0	13 aft Trin	18	12	2	50	41	39	

# I 6 5 6.

Sun rise at *Sandwich.*

Sun set.

Day	{	I	}	4	40	36		7	18	20
	{	II	}	4	58	20		7	00	44
	{	21	}	5	16	48		6	42	8

1	4	M	9
2	4		52
3	5		38
4	6		24
5	7		19
6	8		15
7	9		16
8	10		16
9	11		6
10		A	16
11	1		17
12	2		10
13	3		3
14	3		56
15	4		48
16	5		40
17	6		32
18	7		24
19	8		16
20	9		11
21	9		55
22	10		35
23	11		25
24	11		7
25	12		49
26		M	49
27	1		37
28	2		12
29	2		56
30	3		40
31	4		30

# September hath XXX days.

Day { 7 } Moon with { Mars at 9 after n.  
8 } { Mercury 5 morn. and Saturne 10  
8 } before noon.  
27 } { Venus 1 after noon.  
Jupiter 11 night.

1	f	19	10	16	II	2	11	D	Last quarter 1 day 7
2	g	20	9	29	24	12	12	C	nin. past 4 after n.
3	a	21	7	13	5	6	13	D	
4	b	22	6	27	15	14	14	E	From the beginning
5	c	23	5	11	50	15	15	F	of this month till a-
6	d	24	3	26	48	16	16	G	bout 18 day look for
7	e	25	2	11	52	17	17	H	store of winds and
8	f	26	1	27	3	18	18	I	wet.
9	g	27	0	12	9	19	19	J	
10	a	27	58	27	0	20	20	K	New C 8 d. 15 m.
11	b	28	57	11	M	14	21	L	past 10 before n.
12	c	29	56	25	25	22	22	M	
13	d	0	55	8	x	50	23	N	First quarter 15. d.
14	e	1	54	21	52	24	24	O	45 m. past 8 morn.
15	f	2	53	4	V	27	25	P	
16	g	3	52	16	42	26	26	Q	Wet weather.
17	a	4	51	28	42	27	27	R	But from the 18 d.
18	b	5	51	2	39	28	28	S	to the month end
19	c	6	50	22	24	29	29	T	we may expect bet-
20	d	7	49	4	X	16	30	U	ter weather, yet a-
21	e	8	48	16	17	0	31	V	bout 23, 24, 25 it
22	f	9	47	28	4	2	0	W	may be rain and tur-
23	g	10	46	10	V	12	3	X	bulent weather by
24	a	11	46	22	27	4	4	Y	reason of o h o.
25	b	12	45	4	50	5	5	Z	
26	c	13	44	17	15	6	6	A	Full C 23 d. 10 m.
27	d	14	44	0	II	4	7	B	past 1 after n.
28	e	15	43	13	0	8	8	C	
29	f	16	42	26	7	9	9	D	
30	g	17	42	9	5	25	10	E	

Sun rise at Sandwich.

Sun set.

Day	{	1	{	5	38	0		6	21	4
		11		5	57	20		6	1	36
		21		6	16	48		5	42	8

1	M	20
2	6	15
3	7	12
4	8	9
5	9	7
6	10	5
7	11	0
8	11	56
9	0	A 56
10	1	50
11	2	41
12	3	38
13	4	33
14	5	27
15	6	22
16	7	11
17	8	0
18	8	46
19	9	31
20	10	15
21	10	59
22	11	41
23	12	22
24	0	M 12
25	1	6
26	1	49
27	2	38
28	3	2
29	4	24
30	5	15

Sun enters  $\pi$  in Merid. afore said Septemb. 12  
day at 36 past 1 of the clock in the afternoon  
T M & A.



# October hath XXXI. dayes.

Day { 6 } Moon with { Saturne 2 morn. and Mars 1 af-  
 { 8 } ter noon.  
 { 9 } Venus 11 before noon.  
 { 25 } Mercury 2 morn.  
 Jupiter 1 morn.

1	a	18	42	23	50	11	d	Last quarter 1 day
2	b	19	42	6	56	12	e	48' past 3 morn.
3	c	20	41	21	11	13	f	
4	d	21	41	5	17	14	g	
5	e	22	41	20	36	15	a	Windy and troubled
6	f	23	41	5	31	16	b	aire.
7	g	24	40	20	26	17	c	
8	a	25	40	5	17	18	d	New ☾ 7 day at 26
9	b	26	40	19	24	19	e	min. past 7 aftern.
10	c	27	40	3	33	20	f	
11	d	28	40	17	4	21	g	
12	e	29	40	0	8	22	a	
13	f	30	40	12	41	23	b	
14	g	1	40	25	5	24	c	
15	a	2	40	6	58	25	d	First 15 day at 28 m.
16	b	3	40	18	59	26	e	past 2 morn.
17	c	4	40	0	47	27	f	
18	d	5	40	12	35	28	g	
19	e	6	41	24	30	29	a	
20	f	7	41	5	30	30	b	
21	g	8	41	18	46	31	c	
22	a	9	41	1	13	No.	d	
23	b	10	42	13	53	2	e	Full ☾ 23 day at
24	c	11	42	26	47	3	f	25 min. past 5 morn.
25	d	12	42	9	50	4	g	Apertio portarum,
26	e	13	43	23	6	5	a	great winds, scarce
27	f	14	43	6	26	6	b	rain.
28	g	15	44	19	49	7	c	Last quarter 30 d. 20
29	a	16	44	3	38	8	d	min. past 12 at noon
30	b	17	45	17	33	9	e	windy yet tempe-
31	c	18	45	1	34	10	f	rate.

☾ perig.

18 aft. Trin

Octab. Mich.

19 aft. Trin.

Quind. Mic.

☾ ap. 18 d.

Luke ☾

20 aft. Trin.

Tres Mich.

☾ equi beg

21 aft. Trin.

Mens. Mich.

Sim. & Jud.

☾ perig.

Sun rise at *Sandwich*.

Sun set.

Day	{	I	}	6	36	36		5	22	36
	{	II	}	6	55	52		5	3	20
	{	2I	}	7	14	44		4	44	44

day 1 6M 11  
2 7 8  
3 8 3  
4 8 59  
5 9 52  
6 10 45  
7 11 41  
8 0 A 38  
9 1 32  
10 2 27  
11 3 23  
12 4 19  
13 5 10  
14 6 1  
15 6 47  
16 7 34  
17 8 17  
18 9 0  
19 9 40  
20 10 19  
21 11 9  
22 11 58  
23 12 37  
24 0M 37  
25 1 28  
26 2 19  
27 3 14  
28 4 10  
29 5 5  
30 6 1  
31 6 56

Three times this year doth *Jupiter* oppose *Mercury*,  
October 24 day in the morning; November 23  
day at noon; November 30 about 9 in the fore-  
noon.

When potent *JOVE* weak *MERCURY* opposes,  
Let weak ones learn to be as meek as *MOSES*.  
For tis in vain for mortals to resist  
gainst mighty powers, who can do what they list.  
The weakest to the wall, so *MAN* must *DO*  
Against his will, what might will *FORCE* him to.

# November hath XXX. dayes.

Day	$\left. \begin{array}{c} 2 \\ 4 \\ 7 \\ 21 \\ 30 \end{array} \right\}$	Moon with	$\left\{ \begin{array}{l} \text{Saturne 4 after noon.} \\ \text{Mars 5 morn.} \\ \text{Venus 1 aft. n. \& Mercury 4 aft.} \\ \text{Jupiter 2 morn.} \\ \text{Saturne 2 morn.} \end{array} \right.$
-----	--	-----------	--

1	D	All Saint	19	M	46	15	M	50	11	G	
2	P	Om. Anim.	20		47	0	☾	14	12	A	Winds and rain.
3	T	Crast. Anim.	21		48	14		44	13	B	
4	W		22		48	29		12	14	C	
5	Tu	Papist conf.	23		49	13	M	34	15	D	
6	W		24		50	27		41	16	E	New ☾ 6 d. at 47
7	Th		25		50	11	☿	30	17	F	min. past 6 morn.
8	F		26		51	24		58	18	G	
9	S	23 aft. Trin.	27		52	8	♄	0	19	A	8 d. winds and fly
10	S		28		53	20		41	20	B	ing clouds.
11	S	Martin.	29		54	3	☾	1	21	C	
12	T	Crastin. Ma.	0	☿	55	15		8	22	D	
13	W		1		56	27		0	23	E	First quarter 13 d.
14	Th	☿ apog.	2		56	8	☿	51	24	F	56 min. past 10 nig.
15	F		3		57	20		42	25	G	
16	S	14 aft. Trin.	4		58	2	♄	29	26	A	
17	S		5		56	14		35	27	B	Hurtfull winds.
18	S		7		0	26		52	28	C	
19	Tu	Octab. Mar.	8		1	0	☾	27	29	D	
20	W		9		2	12		20	30	E	
21	Th		10		3	1	☾	29	Dec	F	Full ☾ 21 d. at 48
22	F		11		5	18		55	2	G	min. past 8 night.
23	S	15 aft. Trin.	12		6	2	☾	33	3	A	
24	S		13		7	16		23	4	B	
25	S		14		8	0	☾	21	5	C	
26	Tu	Quin. Marr.	15		9	14		25	6	D	
27	W	☿ per. d. 28.	16	10	28	37	7			E	Last quarter 28 d. 13
28	Th	Terri end.	17	11	12	M	41	8		F	min. past 8 night.
29	F		18	13	25	50	9			G	
30	S	St. Andree	19	14	10	☾	53	10		A	

Sun rise at *sandwich.*

Sun set.

Day	{	1	}	7	34	12		4	25	40
	{	11	}	7	48	56		4	10	24
	{	21	}	8	0	18		3	58	28

1 M 48  
 2 8 38  
 3 9 29  
 4 10 20  
 5 11 12  
 6 0 A 13  
 7 1 9  
 8 2 4  
 9 2 59  
 10 3 49  
 11 4 39  
 12 5 24  
 13 6 10  
 14 6 52  
 15 7 33  
 16 8 14  
 17 8 55  
 18 9 39  
 19 10 23  
 20 11 14  
 21 12 5  
 22 0 M 5  
 23 1 0  
 24 1 56  
 25 2 53  
 26 3 49  
 27 4 43  
 28 5 37  
 29 6 27  
 30 7 16

23 day, but this year 24 day *Sandwich* Fair begins.  
 23 day  $\text{♂} \text{♀} \text{♂}$ , and 30 day again  $\text{♂} \text{♀} \text{♂}$ . and 23  
 day the  $\text{♂}$  separates from  $\text{♂}$  and applies to a  
 $\square h$  and  $\square \alpha$ . Therefore about that time look  
 or a great *apertio portarum* to winds, rain or fleet,  
 not pleasing weather to *Sandwich* Fair-folks.

# December hath XXXI. dayes.

Day	<div> <div>2</div> <div>4</div> <div>7</div> <div>18</div> <div>27</div> <div>31</div> </div>	Moon with	<div> <div>Mars 9 night.</div> <div>Mercury 2 morning.</div> <div>Venus 8 night.</div> <div>Jupiter 5 morning.</div> <div>Saturn 9 morning.</div> <div>Mars 2 after noon.</div> </div>
-----	---	-----------	--

1	f		20	15	24	53	11	b		
2	g		21	16	8	M	52	12	c	
3	a		22	17	22	43	3	d	New ☾ 5 day at	
4	b		23	19	6	x	23	14	e	min. past 8 night.
5	c		24	2	19	52	15	f	Much <i>apertio porta</i>	
6	d		25	21	3	w	3	16	g	<i>rum</i> this month, b
7	e	2 Advent.	26	22	15	5	17	a	reason the ☾ (sepa	
8	f		27	24	28	35	8	b	rates from inferior	
9	g		28	25	10	m	52	19	c	Planets and applies
10	a		29	26	22	59	20	n	to the superiours.	
11	b		0	28	4	x	5	21	e	
12	c	☾ apog.	1	29	16	44	22	f	First quarter 13 d.	
13	d		2	30	28	3	3	g	min. past 8 night.	
14	e	3 Advent.	3	3	10	Y	28	24	a	Pleasant weather b
15	f		4	33	22	30	25	b	wholesome, I know	
16	g		5	34	4	8	45	26	c	frosty.
17	a		6	35	17	29	27	d	16 Dark snow-like.	
18	b		7	37	0	II	18	28	e	
19	c		8	38	13	36	19	f	19 Sow or cold rain.	
20	d		9	39	27	18	0	g		
21	e	St. Thom.	10	40	11	S	22	31	a	Full ☾ 21 day at 41
22	f		11	42	25	33	Jan	b	min. past 10 morn.	
23	g		12	43	10	Q	10	2	c	Pretty temperate.
24	a	☾ perig.	13	44	24	34	3	d		
25	b	Ma. & Eliz.	14	45	9	m	5	4	e	Last quarter 28 day
26	c	Stephen	15	47	23	29	5	f	39 min. past 4 morn.	
27	d	John Evan.	16	48	7	5	48	6	g	
28	e	Innocents	17	50	21	48	7	a	About the latter end	
29	f		18	51	5	m	3	8	b	of the month winds
30	g		19	52	19	15	9	c	and snow, and so	
31	a		20	53	2	x	26	10	d	ends the year.

Sun rise at *Sandwich*.

Sun set.

Day	{	1	8	9	0		3	50	52
	{	11	8	11	44		3	48	24
	{	21	8	8	40		3	51	28

1 8 M 51

2 8 54

3 9 46

4 10 38

5 11 35

6 0 A 34

7 1 26

8 2 18

9 3 5

10 3 51

11 4 33

12 5 15

13 5 56

14 6 36

15 7 30

16 8 1

17 8 50

18 9 38

19 10 33

20 11 28

21 12 27

22 0 M 27

23 1 25

24 2 20

25 3 16

26 4 8

27 5 0

28 5 50

29 6 40

30 7 30

31 8 20

9 entred into *Capricorn*. Decemb. day 10 hor. 13  
 that is 11 day at 1 morn. 10 min. 49 sec. in the  
 Merid. of *Sandwich*, at which time

Sig.	d.		
9	0	24'	13"
3	6	40	55
5	23	33	8
		14	3
9	0	0	0

Middle Longitude of ☉

Apogean subtract

Rem. the Anomaly

Which gives Equat. sub.

True place of ☉

25 Christ born.

Εἰ δὲ δααὶ χεῖσιν, καὶ μὴ γινῶς Ἰᾶλλα, σοὶ εἰρη.

Εἰ δὲ μὴ δὲ δααὶ, σὺ γοῦμα πλῆθ' εἰσ.

20 If thou hast learned *CHRIST*, that may suffice thee,

16 None other learning needs to carachise thee:

8 But if thou hast not learn'd *CHRIST* his *LAW*,

0 All thine other learning's not worth a straw.

40 End the old year with Christ, and with him begin

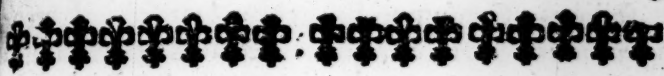
30 the new, be constant, and be happy.

*Radices mediorum motuum Planetarum ad  
meridiem Sanduvichi, Ann. 1656.*

	S.	d.	m.	sec.
<i>Longitudo Prima Arietis</i> —————	0	18	23	42
<i>Longitudo media Solis</i> —————	9	19	38	42
<i>Apogon Solis</i> —————	3	6	39	58
<i>Longitudo media Lune</i> —————	3	4	55	33
<i>Apogon Lune</i> —————	10	7	2	13
<i>Nodus ascendens</i> —————	9	27	49	20
<i>Longitudo media Saturni</i> —————	5	11	18	20
<i>Aphelion</i> —————	8	27	13	19
<i>Nodus ascendens</i> —————	3	21	5	31
<i>Longitudo media Jovis</i> —————	1	0	37	31
<i>Aphelion</i> —————	6	8	49	27
<i>Nodus ascendens</i> —————	3	5	37	53
<i>Longitudo media Martis</i> —————	1	4	16	18
<i>Aphelion</i> —————	5	0	6	41
<i>Nodus ascendens</i> —————	1	17	23	24
<i>Longitudo media Veneris</i> —————	4	15	18	21
<i>Aphelion</i> —————	10	5	12	36
<i>Nodus ascendens</i> —————	2	13	32	21
<i>Longitudo media Mercurii</i> —————	6	10	40	34
<i>Aphelion</i> —————	8	14	23	48
<i>Nodus ascendens</i> —————	1	13	52	27

Note these are not Calculated for the first of *January* at noon, but to the beginning of the year, therefore if you will have the 1 of *January* or 2, or 3, &c. you must add the mean motion of 1, 2, or 3 dayes at noon, and you have your desire.





# An Appendix to the preceding Ephemeris, serving instead of a Prognostication.

*Of the Eclipses, 1656.*

Five times this year shall the Inhabitants of the Earth be deprived of the light of the Luminaries. But onely two of them will be visible in England.

The first visible, will be of Moon, upon the first day of *January*, at night: not to trouble the reader with the calculation punctually of each of these Eclipses, because few of the vulgar sort understand it: I shall set down that onely which they look after.

Therefore in the Meridian of *Sandwich*.

		H.	M.	S.
The beginning,	<i>January</i>	6.	53.	38.
The true opposition,	day 1. attern.	8.	22.	57.
The end.	or at night.	9.	58.	26.

The Digits Eclipsed 10d. 51'.

This Eclipse happens in *Cancer*, in Decade, the last. And *Proclus* saith, *significat regis alicujus mortem, & seditionem*; I hope no such effect here, though there be many waiters for it.

And the *Arabian* Astrologers write, that if an Eclipse be in the wary Triplicity (as this is in *Cancer*)

follows a Consumption of the vulgar sort of people, rumours, seditions, and expectation of wars, great inundations and overflowings of the Sea Banks. And again they say, If an Eclipse of either Luminaries happens in *Cancer*, it signifies a rottenness or corruption in the fruit when 'tis gathered, occasioning Surfers and Sickneses unto such as eat them: Sea Fights, long and dangerous Navigations. The light seen will be at the North side of the Moons body.

But I leave these opinions, and come to the Eclipse of the Sun, which happens likewise in *January*, as I calculated for the Latitude.

d. ' ' d. ' '  
Of 51. 18. The Digits Eclipsed. 7. 24. 24  
H. ' "

The beginning.	} <i>January</i> {	0. 7. 48.
The middle.		1. 42. 31.
The visible Conjunction.		1. 43. 35.
The end.		3. 6. 44.

} *Sandw.* {

The light seen will be on the South side of Sols body.

This Eclipse is in *Capricorn*. in the last Decade: And *Proclus* saith, that it foreshews great scarcity of grain and fruit, especially of such things as are sown and planted.

Here are two Eclipses both in one Moneth, and visible. And *Hermes* saith, *Centilquium*, 53. prop. Many troubles or alterations are likely to ensue, when both Luminaries happen to be Eclipsed in one Month, especially in those places which are subject to the Eclipsed Signs. It is yet fresh in memory, that two such Eclipses happened in *August*, 1654. and in *March*,

March, 1652, the Sun in Aries, at that time the sign afflicted, and England, France, Holland, &c. are subjected onely to that Signs, and we all know what alterations there followed in England, the like our Chronicles have never observed, and what troubles tumults, dissentions in France and Holland.

The Other Eclipses will not be seen in England (as the third is of the Moon, upon the 26 day of June, The fourth of the Sun, upon the 11 of July, the fift of the Moon, upon 21. December) Therefore I forbear to make any further mention of them.

I shall now use the Touch Stone of truth, to discover a Counterfeit; I mean, certain errors, which have gone for currant truth (as far as I know) these many hundred years, occasioned through an occasional conference I had very lately with an Honourable Personage in this Land. The first is, That in the Year when Christ was Born, the Sun did not enter into the Solstice of Capricorn, upon the 25 day of December, but upon the 21 day of December, at two of the Clock, 54. 48." P. M. as I shall here plainly prove (having reduced the motion to Merid. Sand.)

	Mid. Long, ☉	Apog. ☉
fig. deg. m. sec.	fig. deg. min. sec.	
Anno Christi,	9. 8. 14. 39.	2. 8. 19. 1.
December,	11. 0 11. 30.	57.
Day, 21.	29. 41. 55.	2. 8. 19. 58.
Hor. 2.	4. 56.	
M. n. 54.	2. 13.	
Second, 48.	2.	
Mid. Long. ☉	9. 29. 15. 15.	

	s.	d.	'	"
The Mid. motion $\odot$ 21 Decem.	8.	29.	15.	15.
Apogæan subtract,	2.	8.	19.	58.
Remains the Anomaly,	6.	20.	55.	17.
Which gives the <i>Æquar.</i> to be added,	44.	45.		
True Longitude of $\odot$	9.	00	00	00

Now to know how many days the Solstice of *Capricorn* is anticipated or gone backward since Christ was born, to the Year 1656. I subtract the time he entred into *Capricorn*, 1656. from the time he entred when Christ was born: As

From 21 Days, 2 Hor. 54 Min. 48 Sec.  
 Subtract 10 Days, 13 Hor. 10 Min. 49. Sec.  
 Rem. 10 days anticipated, 13 ho. 43 m. 59.

If any can disprove this, or any thing hereafter that I write here: I would desire them to lay a sure foundation, and if their Confutation can overthrow my Calculation (if it be sounder then mine) I shall yeeld; for I was always of *Gregories* opinion. *Quando nobis offerentur meliora, si concedamus, non vincimur, sed instruimur.*

We have now found upon what day, hour, &c. the Sun entred into the Solstice of *Capricorn*, in the Year when Christ was born.

Now, whether he was born at the instant when the Sun entred into *Capricorn* we know not, the Scripture mentions not; or if he was, it must be in the day time, and not in the night. But the Scripture saith, *Luk. 2. 8.* That the Angels came to the Shepherds by night, and brought this joyful news of the Birth of a Saviour, 'tis true, but 'tis not menti-

oned whether he was born at that inſtant: nor is it mentioned whether it was at midnight. The Fathers indeed are pleaſed to allude myſtically to his Birth; As that he was born when the days were at the ſhort-eſt, and began to encrease: ſignifying that ignorance then was at the higheſt, and knowledge began to encrease: And that he was born at midnight, ſignifying that it was midnight with the world then, in the very depth of ignorance; and that he who was *Lux Mundi*, was born, ſhould pick them out of the death of ignorance, and bring them into the true light. But I mention no more, but only this, we know we had a Saviour born, but at what punctual time we know not; and in that that the Scripture is ſilent, let us be ſilent: We know that there was an *Ἡμέρα*, and a *τὸ σήμερον*, *ADAY*, and a *THIS DAY* of his Birth, let that ſuffice us.

The Second is, That in the Year when Chriſt was born, the Sun did not enter into the Vernal *Æquinox*, upon the twenty fifth day of *March*; but upon the twenty firſt day, at thirteen Minutes paſt noon; As I ſhall here manifeſtly prove.

Mid. Long. ☉ Apogæon.

	S.	D.	'	"	S.	D.	'	"
Anno Chriſti,	9	8	14	39	2	8	19	1
March.	1	29	8	19				10
Day 21		20	41	55	2	8	19	11
Hor. 0		0	0	0				
Minutes 13				32				

Mid. Long. ☉	11	28	5	25
Apogæon ſub.	2	8	19	11
ÆAnomaly,	9	19	46	14
which gives æq. ad		1	54	35
True place ☿	12	00	00	00

*A Prognostication.*

Now to find how many days are anticipated or gone backward. Subtract the time of the Sun's entrance into *Aries*, 1656. from this entrance *An. Ch.* as thus

	D.	H.	'	"
From entrance, <i>Anno Ch.</i>	21	0	13	0
Subtract his entrance, 1656.	9	7	39	1

Remains the days anticipated, 11. 16 33 59

Now we have found That the Sun entered into *Aries* the year when Christ was Born, upon the twenty first day of *March*: Now I say, it is impossible that there should be no anticipation in 322. Years, when the Council of *Nice*, sat in *Pontus*.

The t i d i s, That the Sun did not enter into the Vernal Equinox upon the twenty first day of *March*, at the time of the Session of the *Nicene* Council; but upon the twenty day, at three minutes past noon, as I shall here prove; having reduced the Epocha of the year, to the Meridian of *Sandwich*.

Epocha,	Mid. Long. ☉	Apogæon ☉
	S. D. ' "	S. D. ' "
<i>An. Ch.</i> 322.9	10 9 36	2 13 49 37
<i>March</i> , 1	28 9 11	10
<i>Day</i> 20	19 42 47	2 13 49 47
<i>Hor.</i> 0	0 0 0	
<i>Min.</i> 3	7	
<i>Mid. Long. ☉</i> 11	38 1 41	
<i>Apog. feb.</i> 2	13 49 47	
<i>R. m. Anom.</i> 9	14 11 54	
<i>wch. gives Æq. at ad</i> 1	58 19	
<i>True pla. of ☉</i> 12	00 00 00	

Now subtract this time from the Suns entrance,  
*An Ch rist nat.* and you shall find the Vernal Equinox  
 to be anticipated to the time of the Session of the  
*Nicen Council*, 1 d y, o hor. 10' As thus,

The time *An. Ch. nato March.* 2 id. oh. 13s.

The time of entrance *Anno*, 322 20d. oh. 3s.

The day anticipated at that Session, 1d. oh. 10s.

Now if we should manifestly prove, that the Brui-  
 mal Solstice is anticipated since Christ was born, 13d.  
 and accordingly reform the Kalender; we must ut-  
 terly overthrow our Astronomical Tables, and alter  
 them, and then what error there would be, let any  
 one judge: whereas our now Astronomical Tables  
 for any time past, or to come, are very exact; as wit-  
 ness the Calculation of the Eclipses, &c. and the best  
 of these are Mr. *Wings*, *Harmonicon Cœleste*, as I  
 have found by experience and observation, which  
 are very exact, if a man could tell how to calculate  
 from them, he needs no more *Astronomia Instaurationis*;  
 but in some Tables there, which I have correct-  
 ed, and had intended to have published them in this,  
 but I shall not have Paper enough: I hope Mr *Wing*  
 will do it very carefully in his promised *Astronomia*  
*Instaurata*.

Now there is another thing which hath scandal-  
 ized divers: and that is, why our *London Assembly*, when  
 they set forth the Book of Common Prayer, did in  
 the *KALENDER* prefixed, set down the begin-  
 ning of *DOG-DAYS* upon the sixth day of *July*, and so  
 it hath gone in all the Impressions since; whereas we  
 set them down against the nineteenth day of *July*:  
 Truly I can find no reason, nor any man else; for the



### A Prognostication.

little Dog Star never (since the Creation) did rise in England upon the sixt day of July, cosmical with the Sun.

With what point of the Ecliptick it rises cosmical with the Sun, in lat. of 51. 18. I shall here according to the Rules given in my Ephemeris, 1652. shew, without the use of the oblique Ascensions: and this for the elevation of the Pole, 1651 d. 18'

	d. ' "
Declination of the little Dog,	6 4 1. 90274521
Elevation of the Pole.	51 18 1. 00962856

Difference of Ascens.	7 38 5 91237377
which subtr. from the Right	110 23 Ascension.
Remains the Oblique	102 45 Asc. of Col.
From which subtract	90 0 (rising
Remains the Right Ascens.	12.45 of the <i>Medium</i>
<i>Cæli</i> answering that oblique Ascension.	

By this Right Ascension is found the Arch Ecliptick answering thereto: and the declination of it by the first proposition in my Ephemeris, 1651. But that you may have the Tangents, and so work the more fully, you may work according to my Ephemeris, 1652.

Thus, To find the Arch Ecliptick.

	d. ' " co. ar.
Greatest declination,	23 31 30 sc. 00376847
Right Ascension,	12 45 1. 1. 93546402
Arch Ecliptick culm.	13 51 1. 93923249

To find the Declination.

Right



	d.	
Right Ascension	12 45	lin. 93437973
Greatest obliquity	23 31 30	ta. 96388199
Declinat. North	5 29	ta. 89826172

Nxt to find the distance of the Arch Ecliptick, culminating from the Zenith, work as you are directed in the 3 proposition in my Ephemeris, 1652. If the right Ascension be under 180 d. (as it is here) the declination is North: Therefore subtract the declination from the Poles elevation, and you have the distance, &c. As

	D.	S.
From the Poles elevation,	51	18
Subtract the declination.	5	29

Rem. dist. of the point Culm. from 45 49 Zenith.

Lastly, to find the distance of the Arch Ecliptick Culminating from the 90 degree of the Ecliptick, and thereby the point Ascending, which is the point Ecliptick with which it riseth Cosmically with the Sun. I work according to the fourth proposition in my Ephemeris, 1652. Thus,

Declination	5 29	t. 89826172
Arch Ecl. culm.	13 51	ta. 06076751
Dist. Arch. cul. from Zenith.	45 49	t. 00123824
Distance from the 90 d.	21 49	t. 96026742

Then according to the 5. Proposition.

	d.	
To the Arch Ecliptick culminsting	13 51	
Add its distance from the 90 degrees	21 49	
Sum is the 90 deg. of the Eclipse,	35 40	
To which add 3 signs or degrees	90	0
Sum is the sign and deg. Ascend.	125	40

which

which 125d. 40' divide by 30. and the quotient is 4 fig. 5 deg. 40 min. that *Leo* 5 d. 40' and with this the little Dog Star rises lat. 51. 18. at the instant with the Sun in the morning, which will be upon the 19 of *July*, 1657. to that year I calculated here the motion in Longitude of this Star, which is *Cancer*, 21d. 6' and Latitude, 15d. 57' *Sou h.*

Now I shall shew in what Latitude this Star riseth Cosmically, with the sun upon the 6. of *July*, and I find it where the Pole is elevated 23d. 0' North, as by this calculation appeareth.

	D. ' "			
Declinat. of the little Dog.	6	4	t.	90274521
Elevation of the Pole	23	0	t.	96278519
Difference of Ascension.	2	35	..	96553040
Substr. from the Right Asc.	10	23		
Oblique Ascension,	107	48		
From which Substr.	90	0		
Right Ascen. of Med. Cyl.	17	48		
	d. ' "		co. ar.	
Greatest declinat.	23	31 30	sc.	00376847
Right Asc. M. C.	17	48 0	tan.	95065928
Arch. Ecl. Culm.	19	18 0	tan.	95442775
	d. ' "			
Right Asc. M. C.	17	18	fin.	94852888
Greatest declin.	23	31	tan.	96288199
Declinat. North.	7	35	tan.	91241087
Sub. fr. elev. Pole,	23	0		
Dist. of point cul. fr.	15	25	Zenith.	
Declination,	7	35	tan.	91241087
Arch Eclip. culm.	19	18	tc.	04557285
Dist. of point cul. & Zen.	15	25	tan.	94405295
Dist. from the 90d.	5	58	tan.	90203607

# Harfleet, 1656.

31

Arch Ec. cul. add 19 18

The 90 l. of the Ec 25 16

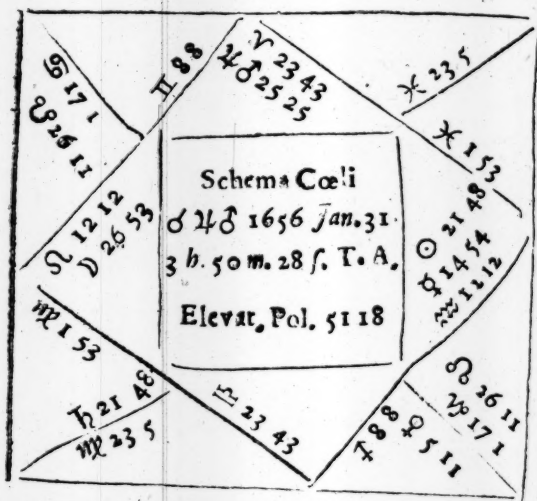
To which add 90 0

divide by 30 215 16 the quot. is 35. 25d. 16'

which is *Cancer*, 25d. 16' and with this point the  
 little riseth Cosm c l with the Sun, in latitude of 23d.  
 6' which is in *Meeba*, in *Arabia*, which falls upon  
 the seventh day of *July*, or thereabouts: The *Ara-  
 bian* Astronomers and Astrologers were in former  
 times accounted the best in the world; and whether  
 it was fetch'd from them and put into the Kalender  
 aforesaid, I know not: if it were, an error was  
 far fetch't, and dearly bought: Now from the rising  
 Cosmical of the little Dog, we have the denomination  
 of the Canicular or Dog days.

The

*The true Position of the Heavens, at the time  
of the Conjunction of Jupiter and Mars, up-  
on the last day of January, 1656. cal-  
culated exactly according to my  
Propositions in my Ephemeris,  
1652.*



**I** Shall give no judgement according to the writings  
of ancient Authors, of what things may happen after  
this Conjunction, as I could do; But I shall make use  
of it in the way of a moral Application, to shew what  
moral use every man may make to himself of the Con-  
junctions or Oppositions of these Starry Messengers;  
which the Almighty God hath not placed in the Hea-  
vens for a Cypher: but every man should learn good  
from them Morally, though they refuse Astrologi-  
cally.

We find in this Conjunction, *Jupiter* to be very weak and impotent, like a man unarmed, meeting with his only enemy *Mars*, who is strong and potent, armed *cap a pe*; both overlooking the earth, even in the Meridian or South point. *Mars* being in his own House, and his Darnal House, in which he most delights, and elevated above *Jupiter*, in regard of altitude, and latitude 1d. 30'.

Because the English *Jovialist* could not use the Sword of Justice well, it hath pleased Almighty God (so much before signified by the positure of Heavens) and so formerly prophesied, though Prophecies were despised, and that intimated by so many preceding Eclipses, which were never known before, that *Mars* should always have the dominion, signifying an alteration of Englands Government) to put it into the hands of the *valiant* and *potent Martialist*, to see how he would use it, whether to the glory of the Creator of the Starry Messengers, and the good of the creatures, the earthly beholders, or no.

Now it is demanded who are these *Jovialists*, who now fall into the hands of potent *Mars*, who will thoroughly reform them, if they reform not things exorbitant; It hath been in divers books shewed who are signified by *Jupiter*. I shall for moral Application shew, who are these *Jovialists*, and these are of two sorts. 1. *Civil* or *Political*. 2. *Ecclesiastical*: The first be Common-Wealth *Jovialists*: The second Church-*Jovialists* (as I may so term them) 1. *Civil* or *Political*, under these Astronomers by *Jupiter* signifie Judges, Governors of Cities and Towns; Lawyers, and their Friends and Clients, as contentious

tions Persons, biting Usurers, covetous Oppressors and those cheating companions who defraud their brethren in their dealings, and then fly to sue to maintain them in their dealings; let such beware, now they may be displayed, discovered and punished.

*Therefore, be wise O ye Rulers, be learned O ye Judges of the Earth. Serve the Lord in fear, and trembling. Kiss the Son lest he be angry, and ye perish in the way, when his wrath shall suddenly burn; blessed are all they that trust in him, Psal. 2. 10. 11. 12.* Now let me address my Exhortation to the Rulers and Governors of the Town and Port of *Sandwich*, for which place I write, and where I had part of my *benefit*: I know there are wise, understanding, honest and conscionable men upon that Bench: Suffer I beseech you, a word of Exhortation, though it comes from a man despised, dejected and wronged by some in your Town. Take the wise-mans counsel, *Ecl. 4. 9. Deliver him that suffereth wrong from the hand of the oppressor: and take that wholesome counsel and exhortation from the Prophet David. Psal. 82. 3. 4. Do right to the poor and fatherless, do justice to the poor and needy. Deliver the poor and needy; save them from the hand of the wicked. Hear the cause of the oppressed, and God will avert those judgments which hang over your heads: Let not those men-undoers escape punishment and shame, who are the very Achans of any Town where they are, who are cheating, griping Usurers, who will make such a prey upon a mans necessity, as that they will not lend but upon a pawn of five times the worth, with a Bill of Bargain and*

Sale, if it be not redeemed upon such a day; and with a Bond of 20*l*. in the hundred, if it be redeemed, and with a gratuity over and above all for the helping him to the money: but these things must be acted in secret; and no man witness to the payment of the money, and then all is well: But God marks all these doings and dealings, and he will shoot an Arrow at them suddenly: their strokes shall be at once *Psal.* 64. 7. .

Are there no such in your Town? Yes, I am certain, and *Δεινα*: if poor and honest men oppressed, can be heard upon their Oaths before the great God of Heaven; who will visit your Town for these things. Visit in judgement if you hear not the moans and cries of the oppressed: In mercy if you do; however, I am certain *De male quaesitis vix gaudet tertium habes*: But God will bless you if you be such as are mentioned in *Exod.* 18. 21. if you be such (as I doubt it not) this Position of the Heavens reacheth you not. You need not fear the Sword of *Mars*, I mean, the Superior powers upon Earth, from whom you have a derivative Power: But still go on and fear the great God of Heaven, who rules all Superiour powers, as derived from him.

2. Ecclesiastical Jovial *Sts.* Astronomers by *Jupiter* signify Bishops, Church-Governours, Ecclesiastical persons, and such as to them belong: as Receivers of Tithes, small Tithe-catchers: I am sure these last are Jovialists indeed, *Mars* shaking his Sword over their heads, such as for small Tithes, will neither take them in kind, nor agree upon any reasonable terms, but will have their own demands, though it be above

as much more as the Tithes are worth, and will not yeild to their own demands, a Writer the Exchequer must fly abroad, as a Scer-Crow make them appear before the Barons of the Exchequer, upon such a day, under the pain of an hundred pounds: and so before men will be at further charge they yeild to their unjust and unconscionable demands: My Paper is spent, therefore here I end.

Know (gentle Reader) that I have calculated shewed the way of the calculation (of any qu whatsoever) of any Star about the *North Pole*, never riseth nor setteth; and how to make objection by them in any place: very useful for all Stars, and intended now to have published it, but not Paper enough; The next yeer (if I write) may have them to full contentment.

## HENRY HARFLE

*There is now Publishing a more Ready Way (English) to learn the Hebrew Tongue; and to understand the Hebrew Bible, then ever Published in any Language whatsoever: Containing the pure Hebrew Text of all the Psalms, and of Lamentations, with the Genuine Reading thereof in English Letters. And also an Alphabetical Index, resolving every Word in those two Books, which are contained the greatest part of all the words in the other Books of the Bible) reducing them to their Roots, and Expounding them in English.*  
William Robertson, A. M. To be sold by G. Sturbridge, at the Bible on Ludgate Hill.